

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1094	29/603.07,603.08,603.11-603.16,603.18.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/11/21 12:58
S2	4903	360/121,122,126,317.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/11/21 12:59
S3	488	360/324.2,324.12.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/11/21 13:00
S4	1394	magnetic near (tunnel adj junction)	USPAT; JPO; DERWENT	OR	ON	2005/11/21 13:00
S5	140	antiferromagnetic with ferromagnetic with pinned with free with (insulat\$3 or spacer)	USPAT; JPO; DERWENT	OR	ON	2005/11/21 13:01
S6	22	S4 and S5	USPAT; JPO; DERWENT	OR	ON	2005/11/21 13:01
S7	1	S1 and S6	USPAT; JPO; DERWENT	OR	ON	2005/11/21 13:01
S8	5	S3 and S6	USPAT; JPO; DERWENT	OR	ON	2005/11/21 13:01
S9	6	S7 or S8	USPAT; JPO; DERWENT	OR	ON	2005/11/21 13:07
S10	18	(hard near (bias adj layer)) near free	USPAT; JPO; DERWENT	OR	ON	2005/11/21 13:23
S11	3	S4 and S10	USPAT; JPO; DERWENT	OR	ON	2005/11/21 13:14
S12	2	jayasekara-wipul.in.	USPAT; JPO; DERWENT	OR	ON	2005/11/21 13:14
S13	11	("20010021089" "20020154456" "6249407" "6327107" "6330136" "6381107" "6469879" "6542342" "6650513" "6661626" "6671141").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 13:15
S14	3	("5650958" "5729410" "6084752").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 13:20

S15	2	("6836392").PN.	USPAT; USOCR; JPO; DERWENT	OR	OFF	2005/11/21 13:20
S16	4	(hard near (bias adj layer)) near (insulat\$3 adj layer)	USPAT; JPO; DERWENT	OR	ON	2005/11/21 13:24
S17	1	(hard near (bias adj layer)) near (contact\$3 or connect\$3) near free	USPAT; JPO; DERWENT	OR	ON	2005/11/21 13:36
S18	3	(hard near (bias adj layer)) near (antiferromagnetic)	USPAT; JPO; DERWENT	OR	ON	2005/11/21 13:36
S19	21	(bias adj layer) near (antiferromagnetic adj material)	USPAT; JPO; DERWENT	OR	ON	2005/11/21 13:36


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IEEE JNL IEEE Journal or Magazine

IEEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

Select Article Information

- ☐ 1. **Spin-valve heads using CrMnPt antiferromagnetic films**
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- ☐ 2. **Spin-valve heads utilizing antiferromagnetic NiO layers**
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- ☐ 3. **Taper effect in spin valve devices**
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